

Table 4-4

**Analytical Samples
Site Investigation
Former Trap and Skeet Range, Parcel 127Q
Fort McClellan, Calhoun County, Alabama**

Parameters	Analysis Method	Sample Matrix	TAT Needed	Field Samples			QA/QC Samples ^a					EMAX	QA Lab
				No. of Sample Points	No. of Events	No. of Field Samples	Field Dups (10%)	Splits w/ QA Lab (5%)	MS/MSD (5%)	Trip Blank (1/ship)	Eq. Rinse (1/wk/matrix)	Total No. Analysis	Total No. Analysis
Former Trap and Skeet Range, Parcel 127Q: 4 water matrix samples (4 groundwater samples); 14 soil matrix samples (6 surface soil samples, 6 subsurface soil samples, and 2 depositional samples)													
TCL SVOCs	8270C	water	normal	4	1	4	1	1	1		1	8	1
Tot TAL Metals	6010B/7000	water	normal	4	1	4	1	1	1		1	8	1
Nitroexplosives	8330	water	normal	4	1	4	1	1	1		1	8	1
TCL SVOCs	8270C	soil	normal	14	1	14	1	1	1		1		
TAL Metals	6010B/7000	soil	normal	14	1	14	1	1	1		1	18	1
Nitroexplosives	8330	soil	normal	14	1	14	1	1	1		1	18	1
Subtotal:						54	6	6	6	0	6	108	6

^aField duplicate, QA split, and MS/MSD samples were calculated as a percentage of the field samples collected per site and were rounded to the nearest whole number.

Trip blank samples will be collected in association with water matrix samples for VOC analysis only. Assumed four field samples per day to estimate trip blanks. Equipment rins will be collected once per event whenever sampling equipment is field decontaminated and re-used. Equipment rinsates will be repeated weekly for sampling events that are anticipated more than 1 week. Assumed 20 field samples will be collected per week to estimate number of equipment rinsat

Ship samples to: EMAX Laboratories, Inc
630 Maple Avenue
Torrance, California 90503
Attn: Elizabeth McIntyre
Tel: 310-618-8889
Fax: 310-618-0818

USACE Laboratory split
samples are shipped to

U.S. Army Engineer District, Savannah
Environmental & Materials District
Attn: Sample Receiving
200 North Cobb Parkway
Building 400, Suite 404
Marietta, Georgia 30067
Tel: 678-354-0310.

MS/MSD - Matrix spike/matrix spike duplicate.
QA/QC - Quality & TAL - Target analyte list.
SVOC - Semivolatile organic compound.
TAL - Target analyte list.
TAT - Turnaround time.
TCL - Target compound list.